

B\$PROI - Open PF With Intercept and Message Routines

The B\$PROI routine opens a PF, allowing an Error Intercept Routine (EIR) and a Message Intercept Routine (MIR) to be supplied.

1. Invocation

To Open a PF with an EIR and a MIR code:

```
CALL B$PROI USING eir mir [width]
```

where *eir* is the name of the Error Intercept Routine, *mir* is the name of the Message Intercept Routine and *width* is an optional PIC 9(4) COMP, or literal, that allows the Page Width to be increased from the default of 132.

2. STOP Codes and Exception Conditions

The following STOP codes may be generated by B\$PROI:

STOP code	Description

The following EXIT codes may be returned by B\$PROI:

EXIT code	\$\$COND	Description

3. Programming Notes

If B\$PROI is used then **BOTH** and EIR and MIR must be supplied. It is not possible to supply an EIR without a MIR, or vice-versa. This is not expected to be a problem as B\$PROI will typically be used to supply foreign language equivalents of the standard messages and both types of messages will be translated.

Important Note: You must ensure that the EIR and MIR are both available in memory throughout the entire print job and the frame they reside in is never re-loaded.

The Error Intercept Routine should be coded as a traditional FD Intercept Routine. To suppress the System FD Error Message and display a customised FD Error Message the routine should display the appropriate message based on the value in \$\$RES and EXIT WITH 1. To display the normal System FD Error Message the routine should simply EXIT.

The Message Intercept Routine (MIR) allows the application to display customised printer messages. The entry point of the MIR should be as follows:

```
ENTRY mir USING message_number
```

where message-number is a PIC 9(4) COMP linkage section variable in which the message number will be passed. The messages numbers are as follows:

Message Number	Default Message Text	Comments
1	Type <CTRL G> to halt printing	
2	Print File Cannot be Opened	
3	Enter new printer unit	If a new printer unit is not supplied (i.e. the print job is to be aborted) the MIR should return with an EXIT WITH 1. If a new printer unit is requested, the PIC X(3) printer unit should be set using a \$SET instruction before the MIR should return with an EXIT statement..
4	Output will be suppressed	
5	REPLACE STANDARD STATIONERY	The equivalent of the standard forms control message: REPLACE STANDARD STATIONERY must be set using a \$SET instruction before returning from the MIR.
6	Re-assign Printer	The PIC X reply "Y" or "N" must be set using a \$SET instruction before returning from the MIR.
7	Print File error or Full	
8	IS ALIGNMENT OK?	The equivalent of the standard forms control message: IS ALIGNMENT OK? must be set using a \$SET instruction before returning from the MIR.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

None.